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<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C11D 3/386, 1/02, 1/75, 1/83</b>		<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/42155</b>												
			<b>(43) International Publication Date:</b> 20 July 2000 (20.07.00)												
<b>(21) International Application Number:</b> PCT/US00/00794 <b>(22) International Filing Date:</b> 13 January 2000 (13.01.00)  <b>(30) Priority Data:</b> <table border="0"><tr><td>PCT/US99/00797</td><td>14 January 1999 (14.01.99)</td><td>US</td></tr><tr><td>PCT/US99/00800</td><td>14 January 1999 (14.01.99)</td><td>US</td></tr><tr><td>PCT/US99/00806</td><td>14 January 1999 (14.01.99)</td><td>US</td></tr><tr><td>PCT/US99/00790</td><td>14 January 1999 (14.01.99)</td><td>US</td></tr></table> <b>(71) Applicant (for all designated States except US):</b> THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> SHOWELL, Michael, Stanford [US/US]; 685 Compton Road, Cincinnati, OH 45231 (US). ZHU, Yong [CN/US]; 4348 Bromyard Avenue, Cincinnati, OH 45241 (US). BETTIOL, Jean-Luc, Philippe [FR/BE]; 93 Avenue Slegers, B-1200 Brussels, Belgium (BE). WELLS, Eric, C. [US/US]; 1440 W. Kemper Road #1601, Cincinnati, OH 45240 (US). MOESE, Rosa, Laura [US/US]; 8815 Eagle Creek Court, West Chester, OH 45069 (US). BUSCH, Alfred [DE/BE]; Handelsstraat 210, B-1840 Londerzeel (BE).			PCT/US99/00797	14 January 1999 (14.01.99)	US	PCT/US99/00800	14 January 1999 (14.01.99)	US	PCT/US99/00806	14 January 1999 (14.01.99)	US	PCT/US99/00790	14 January 1999 (14.01.99)	US	<b>(74) Agents:</b> REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).  <b>(81) Designated States:</b> AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), DM, EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
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<b>(54) Title:</b> DETERGENT COMPOSITIONS COMPRISING A PECTATE LYASE AND A SPECIFIC SURFACTANT SYSTEM															
<b>(57) Abstract</b>  The present invention relates to detergent compositions comprising a pectate lyase and surfactant selected from a mid-chain branched anionic surfactant and/or an amine oxide surfactant, for superior cleaning performance.															